

WELCOME

Roanoke River Basin

Advisory Committee













New River Valley Planning District
Commission

David W. Rundgren

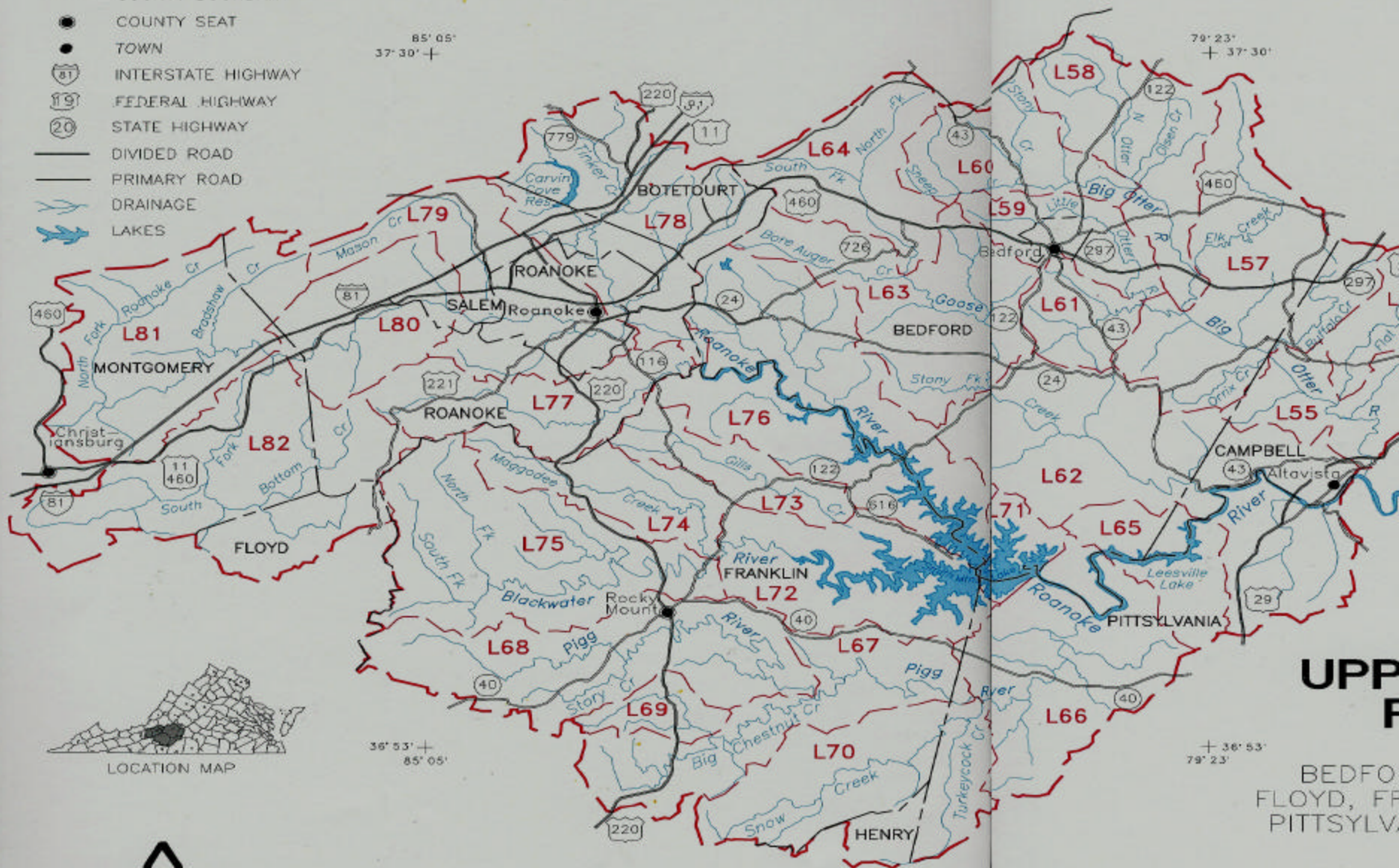
October 3, 2003



LEGEND

-  BASIN BOUNDARY
 WATERSHED BOUNDARY
 COUNTY BOUNDARY
 COUNTY SEAT
 TOWN
 INTERSTATE HIGHWAY
 FEDERAL HIGHWAY
 STATE HIGHWAY
 DIVIDED ROAD
 PRIMARY ROAD
 DRAINAGE
 LAKES

Upper Roanoke River Basin



Upper Roanoke Basin

- L81 North Fork
 - 73,915 acres
- L82 South Fork
 - 88,979 acres
- 162,894 acres is approximately 12% of Upper Basin Area

Land Uses

- Forest Lands
- Agricultural Lands
- Designated Scenic Highway
- TransAmerica Bike Route
- Beginning to see Blacksburg Expand into the Basin
- Smart Highway research
- Blacksburg Urban area defined by Census
- Blacksburg/Christiansburg/Radford Metropolitan Statistical Area
- Eastern Continental Divide

Land Protections

- Traditional Zoning
- Pedlar Hills Nat Area, State 500 acres
- Conservation Easements 500 acres
 - Existing easements
 - T-21 project between Montgomery and Roanoke counties
- Conservancy Ownership 5,000 acres
- National Forest 12,000
- Agricultural & Forestal Dist 19,000
- 23% of the area

The Nature Conservancy

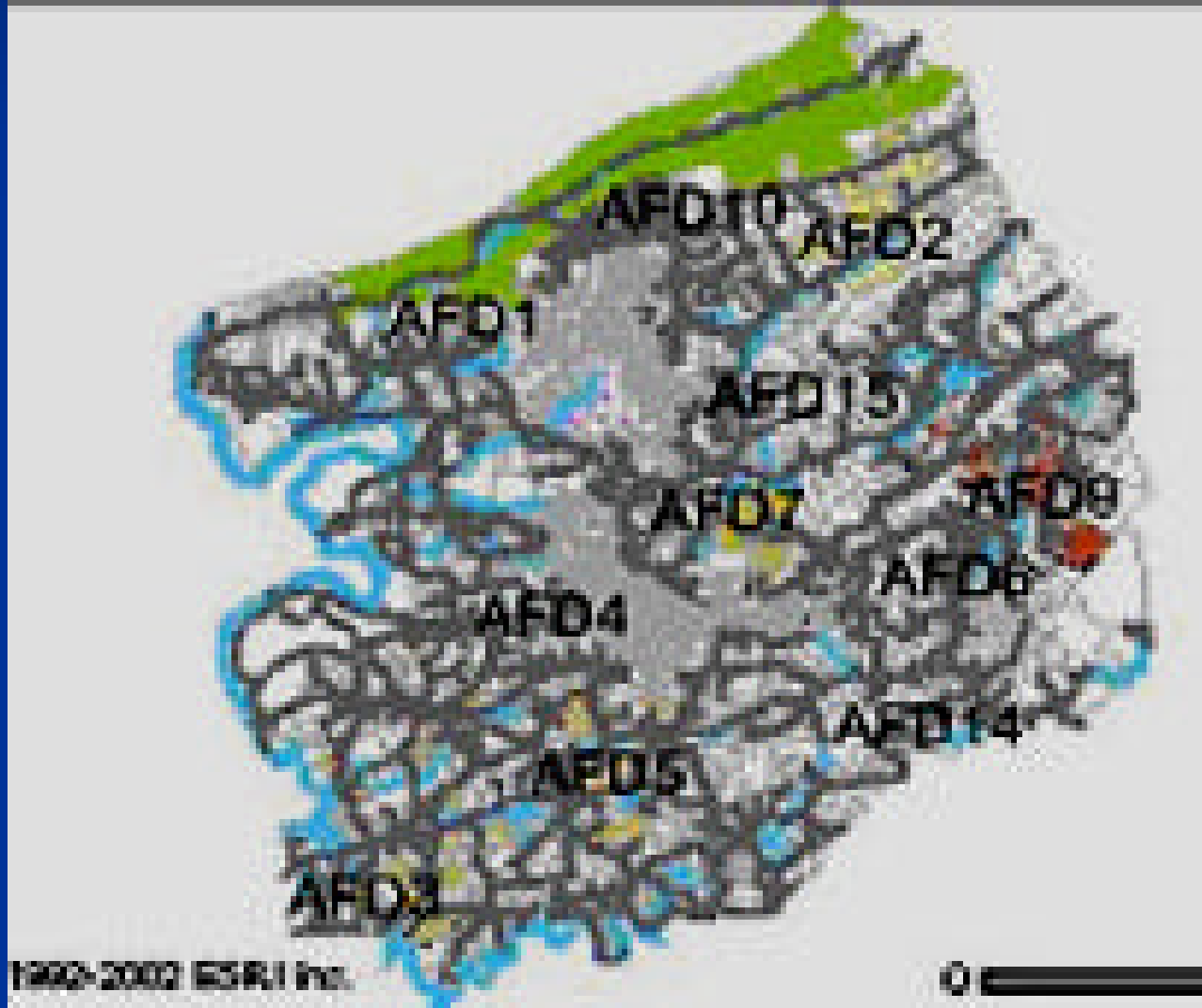
Bottoms Creek
1,657 acres



Falls Ridge
655 acres



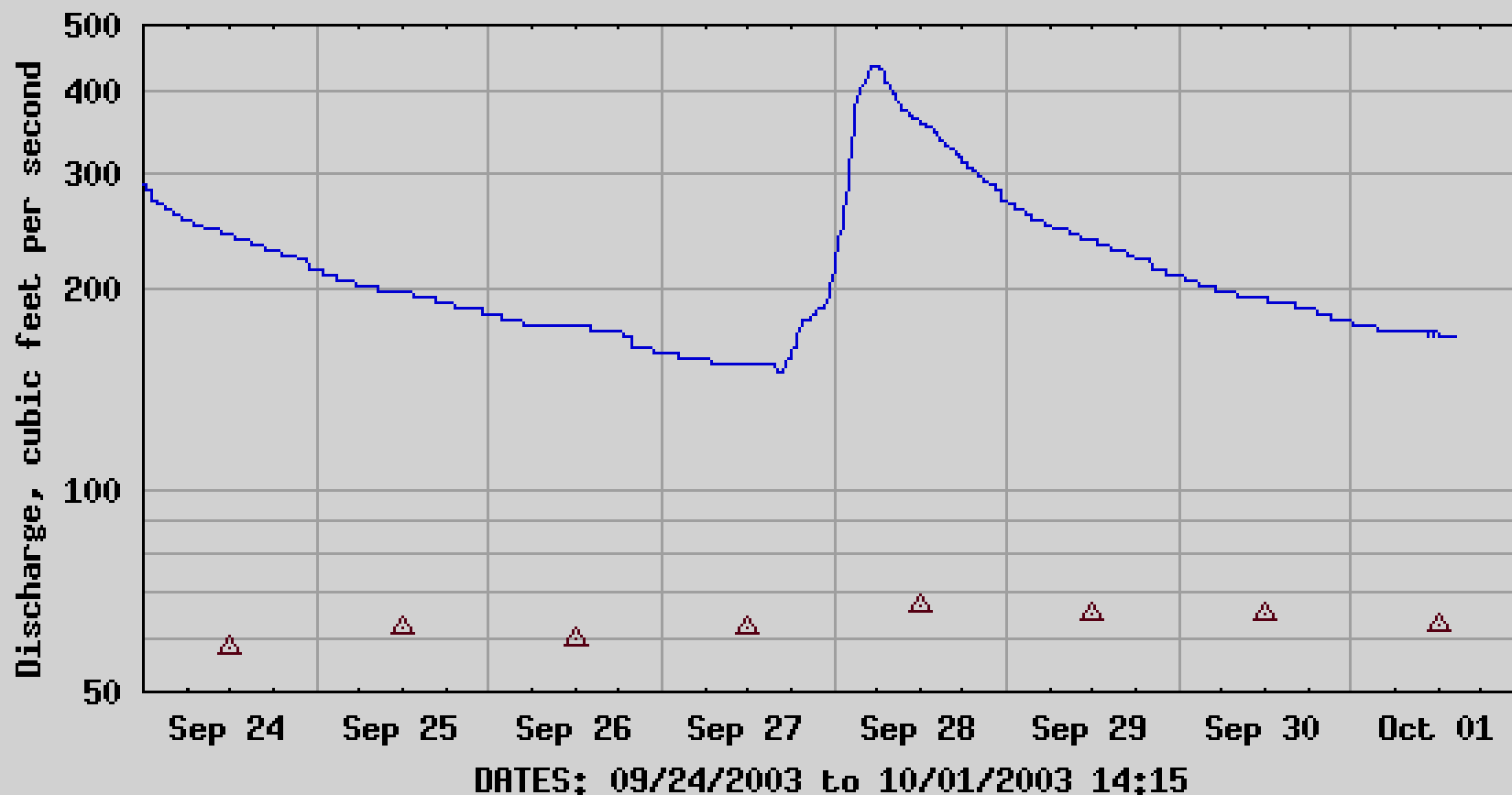
Montgomery Ag & Forestal Districts



Issues

- Define Low Flow Conditions
- Flooding
 - Swift Water Rescue Team
 - Develop a basin wide stormwater management plan
- Access
- Maintain land use decision making at the local level, intergovernmental cooperation can improve the system

USGS 02054500 ROANOKE RIVER AT LAFAYETTE, VA



EXPLANATION

— DISCHARGE

△ MEDIAN DAILY STREAMFLOW BASED ON 59 YEARS OF RECORD

Provisional Data Subject to Revision

- Our thanks to Mrs. Janney for representing the Headwaters Area on your committee
- You are invited back for a meeting at the New River Valley Regional Center

HAVE A GREAT MEETING